Statement

List of Generation Projects which were delayed due to delay in supplies/erection by suppliers/contractors

Name of the Project	MW
Thermal	
Guru Har Govind TPS	500
Rayalseema	210
Bellary	500
Sagardighi	250
Korba East	210
Sipat U-4	500
Birsingpur Ext. U-5	500
Kahalgaon U-6 and U-7	1000
Sipat U-5	500
Mejia U-6	250
Dhuvaran ST	40
Amarkantak	210
Sagardighi-2	300
Santaldeh	250
OP Jindal	250
Paras TPS Extn.	250
Durgapur Ext. U-7	300
HYDRO	
Maneri Bhali	304
Balimela	150
Purulia PSS U-4	225
NUCLEAR	
Kaiga	220
TOTAL:	6919

Restructuring of APDRP

4102. SHRI VIJAY J. DARDA: Will the Minister of POWER be pleased to state:

(a) whether the Central Government has recently cleared a restructured Rs. 50,000 crore Accelerated Power Development and Reforms Programme (APDRP);

(b) if so, the details thereof;

(c) whether Government has identified the power projects in which such investments are likely to be made; and

(d) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI JAIRAM RAMESH): (a) to (d) It is proposed to restructure Accelerated Power Development and Reforms Programme (APDRP) with revised terms and conditions during the Eleventh Five

Year Plan to make it more effective. Action has been initiated for seeking approval of the proposal from the competent authority.

Inputs for power generation

4103. SHRI VIJAY J. DARDA:
SHRIMATI MOHSINHA KIDWAI:

Will the Minister of POWER be pleased to state:

(a) what is the break-up of electricity being produced through various input fuels like hydro, thermal, nuclear, solar, etc.;

(b) whether utilization of thorium and bio-fuels would be considered for significant production of electricity due to gradual depletion of fossil and hydro fuels; and

(c) whether public-private joint efforts are on the anvil, so as to meet full power requirement by the end of Eleventh Five Year Plan?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI JAIRAM RAMESH): (a) During the Financial year 2007-08, the quantum of power generation in the country from Coal/Lignite, Gas/Naphtha, Diesel, Multi-fuel based thermal power plants, Hydel energy and atomic energy is given below:

Category	Monitored Capacity (As on 1.4.2008)	Gross Generation
	(MW)	(Million Unit)
Coal/Lginite	74433.7	476686.5
Gas/Naphtha	13945.9	68779.0
Diesel	1073.3	3303.8
Multi-fuel	1430	10045.8
Hydro	37082.3	123569.7
Nuclear	4120.0	16775.7
All India Total	132085.2	704450.8*

*Includes Import of 5,290 MU energy from Bhutan

In addition, the total grid-interactive renewable power generation capacity in the country is 12,403 MW as on 31.3.2008, comprising 8757 MW wind power, 2181 MW small hydropower, 1643 MW bio-power.

(b) According to the Department of Atomic Energy, the thorium resources in the country are vast, and have a huge potential for electricity generation in the long-term. India's three-stage, nuclear power programme is being implemented for utilization of thorium for electricity generation. The three stages of the programme have fuel cycle linkages and have to be thus gone through sequentially.

According to Ministry of New & Renewable Energy, Bio-fuels particularly, bio-ethanol and bio-diesel are presently being considered as potential fuels for supplementing/substituting petro based gasoline and diesel respectively in the automotive sector.

(c) In order to meet full power requirement by the end of Eleventh Five Year Plan, a Joint Venture Agreement has been signed between NTPC Ltd. and BHEL to take up work related to Engieering, Procurement and Construction (EPC) for power plants and other infrastructure projects. NTPC Ltd. has also entered into an Memorandum of Understanding with